

**glideinWMS - Feature # 1924: Consolidate the condor\_tarball tag in glideinwms.xml to read in a list of os, arch, version**

<b>Status:</b>	New	<b>Priority:</b>	Normal
<b>Author:</b>	Parag Mhashilkar	<b>Category:</b>	
<b>Created:</b>	09/26/2011	<b>Assigned to:</b>	
<b>Updated:</b>	09/26/2011	<b>Due date:</b>	

**Subject:** Consolidate the condor\_tarball tag in glideinwms.xml to read in a list of os, arch, version

**Description:** Date: Thu, 28 Oct 2010 15:58:08 -0700

Hi guys.

At UCSD we often tag the same tarball multiple times, because of the need to handle defaults in an easy way.

This then results in multiple tarball lines.

For example:

```

                                <condor_tarball      arch="default"      os="default"
tar_file="/home/gfactory/Prestage/gfactory-2.4.2-condor-7.4.3-linux-x86-rhel5-dynamic.tar.gz"
version="7.4.3"/>
                                <condor_tarball      arch="default"      os="default"
tar_file="/home/gfactory/Prestage/gfactory-2.4.2-condor-7.4.3-linux-x86-rhel5-dynamic.tar.gz"
version="7.4"/>
                                <condor_tarball      arch="default"      os="default"
tar_file="/home/gfactory/Prestage/gfactory-2.4.2-condor-7.4.3-linux-x86-rhel5-dynamic.tar.gz"
version="default"/>
                                <condor_tarball      arch="x86"          os="default"
tar_file="/home/gfactory/Prestage/gfactory-2.4.2-condor-7.4.3-linux-x86-rhel5-dynamic.tar.gz"
version="7.4.3"/>
                                <condor_tarball      arch="x86"          os="default"
tar_file="/home/gfactory/Prestage/gfactory-2.4.2-condor-7.4.3-linux-x86-rhel5-dynamic.tar.gz"
version="7.4"/>
                                <condor_tarball      arch="x86"          os="default"
tar_file="/home/gfactory/Prestage/gfactory-2.4.2-condor-7.4.3-linux-x86-rhel5-dynamic.tar.gz"
version="default"/>
                                <condor_tarball      arch="default"      os="rhel5"
tar_file="/home/gfactory/Prestage/gfactory-2.4.2-condor-7.4.3-linux-x86-rhel5-dynamic.tar.gz"
version="7.4.3"/>
                                <condor_tarball      arch="default"      os="rhel5"
tar_file="/home/gfactory/Prestage/gfactory-2.4.2-condor-7.4.3-linux-x86-rhel5-dynamic.tar.gz"
version="7.4"/>
                                <condor_tarball      arch="default"      os="rhel5"
tar_file="/home/gfactory/Prestage/gfactory-2.4.2-condor-7.4.3-linux-x86-rhel5-dynamic.tar.gz"
version="default"/>
                                <condor_tarball      arch="x86"          os="rhel5"
tar_file="/home/gfactory/Prestage/gfactory-2.4.2-condor-7.4.3-linux-x86-rhel5-dynamic.tar.gz"
version="7.4.3"/>
                                <condor_tarball      arch="x86"          os="rhel5"
tar_file="/home/gfactory/Prestage/gfactory-2.4.2-condor-7.4.3-linux-x86-rhel5-dynamic.tar.gz"
version="7.4"/>
                                <condor_tarball      arch="x86"          os="rhel5"
tar_file="/home/gfactory/Prestage/gfactory-2.4.2-condor-7.4.3-linux-x86-rhel5-dynamic.tar.gz"
version="default"/>

```

It would be much better if we could provide a list;  
like "default,7.4,7.4.3"

i.e. the above would be represented by a single line:

```
<condor_tarball      arch="default,x86"      os="default,rhel5"  
tar_file="/home/gfactory/Prestage/gfactory-2.4.2-condor-7.4.3-linux-x86-rhel5-dynamic.tar.gz"  
version="default,7.4,7.4.3"/>
```

And the reconfig would automatically create the whole matrix (actually, a cube).  
Possibly even use symlinks or hardlinks between them.

What do you think?  
Would it be reasonable?

It would certainly make life much easier for us.

Thanks,  
Igor

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## History

**09/26/2011 03:34 pm - Burt Holzman**

- Tracker changed from Bug to Feature